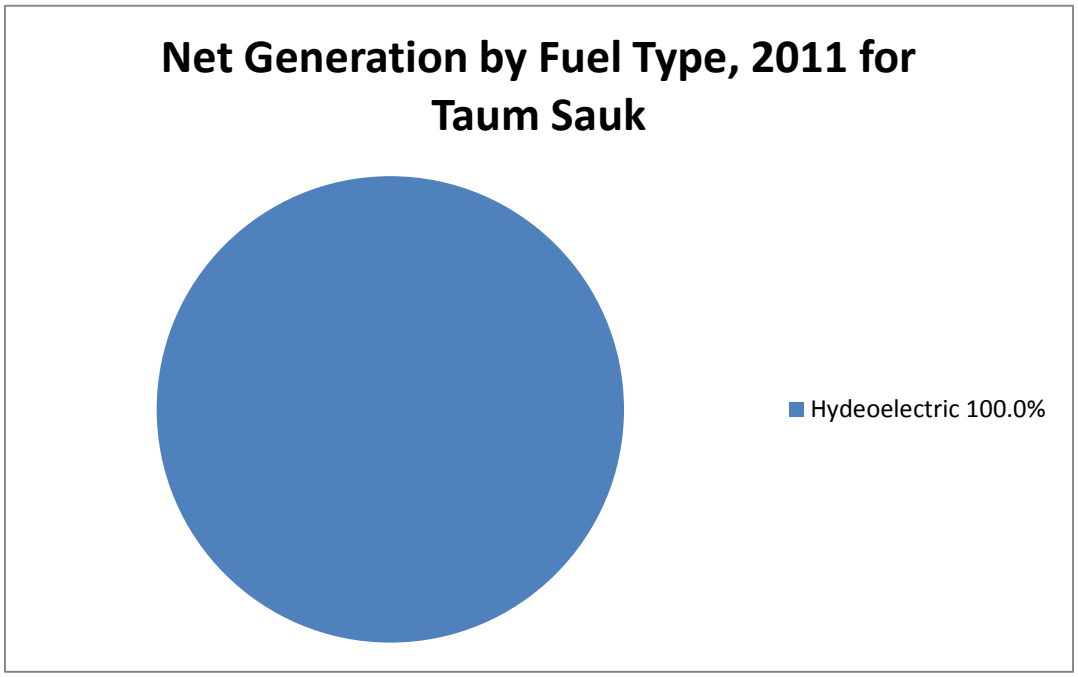
Missouri Department of Natural Resources

Union Electric Company (Ameren Missouri)
Power Plant Name: Taum Sauk
Electric Generation and Emissions in 2011

Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
Coal						
Natural Gas						
Petroleum						
Nuclear						
Other						
Non-renewable total						
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
Renewable total						
Grand total	**0**		**100.0%**	**-78,427**		**100.0%**

Fuel Type	Physical Units	Number of Units


Net Generation by Fuel Type, 2011 for Taum Sauk
Hydeoelectric 100.0%

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Power Plant Nameplate information for Taum Sauk

Plant Name	County Location	Generator	Generator Type	Generator Status	Nameplate Capacity (MW)
Taum Sauk		*All Operating Generators*			*816.0*
Taum Sauk	Reynolds	1	Hydraulic Turbine, Reversible (pumped storage)	Out of service	408.0
Taum Sauk	Reynolds	2	Hydraulic Turbine, Reversible (pumped storage)	Operating - in service	408.0

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Emissions from Electricity Generated in 2011: Taum Sauk

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
Taum Sauk	0	0	0	0

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
Taum Sauk	0	0.0000	0.0000

Identified Flue Gas Desulfurization (FGD) controls installed on Taum Sauk power plant

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on Taum Sauk power plant

Plant	Control Equipment
	No FGP Controls Installed

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Notes:
Generation, emissions and pollution control data include power plants owned by the utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information Administration, Form 923, United States Department of Energy
http://www.eia.gov/electricity/data/eia923

Pollution control data (FGD and FGP equipment) from United States Energy Information Administration, Form 860, United States Department of Energy
http://www.eia.gov/electricity/data/eia860/index.html

Emissions factors for fuel-based generation from United States Environmental Protection Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,
http://www.epa.gov/climateleadership/documents/emission-factors.pdf